

# Power Cost Memorandum Fuel Cost Update

Date: **December 17, 2020**

Utility Name (Cert. No.) <b>City of Diomedes (383)</b>	Utility File No. <b>PC40-1019B</b>	Date Filed: <b>December 10, 2020 and November 16, 2020</b>
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PCE AMOUNT SUMMARY	Previously Approved PC40-1019A	Staff Recommended Amount(s) and Effective Date PC40-1019B
Class Rate	<u>Date Approved:</u> July 1, 2020	December 18, 2020
ALL	\$0.2306	\$0.1419
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <b>\$ 2.7770</b>	New Fuel Purchase Price: <b>\$ 1.9794</b>
Delivery Charge: <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted Surcharge Change: Previous _____	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted Updated _____

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	9,405	X	2.7770	=	26,117.64
Delivered	50,000	X	1.8294	=	91,470.00
	<u>59,405</u>				<u>\$ 117,587.64</u>
					Weighted Average <u>\$ 1.9794</u>

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Signed: *Brenda Cox*  
Brenda Cox

Utility Financial Analyst

**Commission decision re. this recommendation :**

	Date (if different from 12/17/20)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
McAlpine		<i>SM</i> SM		
Scott		<i>AGS</i> AGS		
Sullivan		<i>DS</i> DS		
Wilson		<i>JW</i> JW		

# City of Diomedes

POWER COST EQUALIZATION CALCULATION  
FOR PERIOD ENDING JUNE 30, 2019  
**Fuel Cost Update**

APPENDIX 1

	PC40-1019A	PC40-1019B	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total KWH Generated	80,494.00	80,494	80,494
B. Total KWH Sold (Appendix 2)	402,386	402,386	402,386
C. Total Non-Fuel Costs (Appendix 2)	65,147	65,147	65,147
<b>D. Non-Fuel Cost/KWH (C / B)</b>	<b>\$0.1619</b>	<b>\$0.1619</b>	<b>\$0.1619</b>
E. Total Fuel Costs (Appendix 2)	109,386	77,969	77,969
<b>F. Fuel Costs/KWH (E / B)</b>	<b>\$0.2718</b>	<b>\$0.1938</b>	<b>\$0.1938</b>
G. Eligible Costs/KWH (D + F)	\$0.4337	\$0.3557	\$0.3557
<b>H. Eligible Cost/KWH (G)</b> less base rate in effect	<b>\$0.2427</b>	<b>\$0.1494</b>	<b>\$0.1494</b>
I. Lesser of (H) or 79.37 cents/kWh	\$0.2427	\$0.1494	\$0.1494
J. Average Class Rates (Appendix 3) All	\$0.4590	\$0.4437	\$0.4437
Class Power Cost Equalization Per kWh Payable			
Lesser of: (I) x 95%, or (J) K. All	\$0.2306	\$0.1419	\$0.1419
<b>Funding Level in Effect</b>	100%	100%	100%
L. All	<b>\$0.2306</b>	<b>\$0.1419</b>	<b>\$0.1419</b>

\*Diomedes's kWh generated is less than its kWh sold.

PC40-1019B  
Appendix 1

# City of Diomedes

APPENDIX 2

## SCHEDULE OF ELIGIBLE POWER COSTS, SALES AND EFFICIENCY FOR PERIOD ENDING JUNE 30, 2019

### Fuel Cost Update

		PC40-1019A	PC40-1019B	
		Prior Commission Approval	Per Utility	Per Staff
<b>Non-Fuel Costs:</b>				
A. Personnel Costs		21,955	21,955	21,955
B. Operating Expenses		7,650	7,650	7,650
C. General and Administrative		28,440	28,440	28,440
D. Depreciation		7,102	7,102	7,102
E. Interest Expense		-	-	-
F. <b>Total Non-Fuel Costs</b>		<b>\$ 65,147</b>	<b>\$ 65,147</b>	<b>\$ 65,147</b>
<b>Fuel Costs:</b>				
G. Gallons Consumed		39,390	39,390	39,390
H. Price of Fuel:(per gal.) Weighted Average		\$2.7770	\$1.9794	\$1.9794
I. <b>Total Fuel Costs</b>		<b>\$ 109,386</b>	<b>\$ 77,969</b>	<b>\$ 77,969</b>
J. kWh Generated *		80,494	80,494	80,494
K. kWh Sales		402,386	402,386	402,386
L. kWh Station Service		43,323	43,323	43,323
M. Efficiency (J/G)	$\geq$ <u>Standard</u> 10.5	N/A	N/A	N/A
N. Line Loss (kWh generated - (kWh Sold + Station Service))/kWh generated	$\leq$ 12%	N/A	N/A	N/A

\*Diomedes's kWh generated is less than its kWh sold.

PC40-1019B  
Appendix 2

## CALCULATION OF AVERAGE CLASS RATE PER kWh

Rate Schedule: **All**

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to 500	0.6500		0.6500	325.0000		
to						
to						
to						
<b>Max</b> 500			<b>Total</b>	<b>325.0000</b>	<b>0.6500</b>	<b>0.4437</b>

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
<b>Max</b> 500			<b>Total</b>			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
<b>Max</b> 500			<b>Total</b>			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
<b>Max</b> 500			<b>Total</b>			

**City of Diomedes**  
**Fuel Purchases**  
**PC40-1019B**

	Delivery Date	Gallons	Cost per Gallon	Delivery/ Mark-Up per Gallon	Total Cost
Beginning Fuel Inventory		9,405			
Last Approved Fuel Cost/Gal.			\$ 2.7770		
Beginning Fuel Inventory in Gallons	X	Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory Cost --->			\$ 26,118
Reporting Period Purchases	06/16/20	50,000	1.8294		91,470
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
Totals for Reporting Period Purchases on this sheet:		50,000			91,470
Grand Totals (beginning inventory plus purchases)		59,405		B \$	117,588

Grand Total Cost divided by Grand Total Gallons = 1.9794 Weighted Avg. Cost per gallon  
Purchase Total Cost divided by Purchase Total Gallons = 1.8294 Cost Per Gallon

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